

Artificial Intelligence is a branch of Science which deals with getting machines find solutions to real complex problems in a more intelligent fashion. Over the past five decades, AI research has mostly been focusing on solving real problems. Numerous solutions for real applications have been devised and improved to do so efficiently and reliably.

This volume presents 27 original research papers selected after a careful review process by the Editorial Board and comprehends a sample of the Artificial Intelligence applications conducted in Mexico.

The volume is divided into four areas of application of artificial intelligence that have recently attracted the attention of the research community and are characterized as areas where artificial intelligence can potentially have a major contribution.

- Industrial applications
- Social applications
- Educational applications
- Computer security applications

The volume is prepared in collaboration with Mexican Artificial Intelligence Society (SMIA).

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